

Serial No.: 10/812,276
Amdt. dated 21 February 2006
Reply to Office Action of 16 November 2005

Amendments to the Specification:

Please replace paragraph [0010] with the following amended paragraph:

[0010] In general, a wideband requirement for an antenna, especially a dipole-like antenna, has required a bicone or discone shape to afford the performance desired over a large pass band. For example, some pass bands exceed 3:1 as a ratio of the lowest highest to lowest highest frequencies of operation, and typically ratios of 20:1 to 100:1 are desired. Referring to FIG. 1, prior art discone antenna 5 includes a sub-element 10 shaped as a cone whose the apex of which is attached to one side of a feed system at location 20. A second sub-element 30 is attached to the other side of the feed system, such as the braid of a coaxial feed system. This sub-element is a flat disk meant to act as a counterpoise.